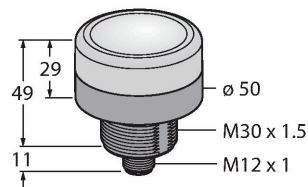


# K50BLXRX PQ

## LED Signal Light – Beacon



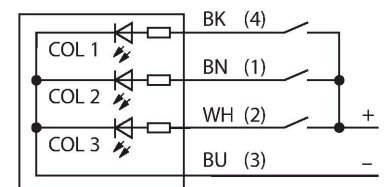
### Technical data

|                                    |                         |
|------------------------------------|-------------------------|
| Type                               | K50BLXRX PQ             |
| ID                                 | 3017539                 |
| Signal and display data            |                         |
| Purpose                            | LED indicator light     |
| Function                           | Spotlight               |
| Light type                         | Red                     |
| LED service life (L70)             | 50000 h                 |
| Dimmable                           | No                      |
| Features of color 1                | Red, Permanently on     |
| Special features                   | Wash down               |
| Electrical data                    |                         |
| Operating voltage $U_B$            | 12...30 VDC             |
| DC rated operating current $I_o$   | ≤ 140 mA                |
| Max. current consumption per color | 140 mA                  |
| Input type                         | PNP                     |
| Response time typical              | < 7 ms                  |
| Mechanical data                    |                         |
| Cascadable                         | No                      |
| Design                             | Puck, K50BL             |
| Dimensions                         | Ø 50 x 60 mm            |
| Housing material                   | Plastic, PC, Black      |
| Window material                    | Polycarbonate, clear    |
| Electrical connection              | Connector, M12 × 1, PVC |
| Number of cores                    | 4                       |
| Ambient temperature                | -40...+50 °C            |
| Relative humidity                  | 0...90 %                |
| Protection class                   | IP67                    |

### Features

- LED all-round visible
- Side view
- Individually controllable
- Screw-in thread M30x1.5
- Protection class IP67
- Monochrome: Red (COL 2)
- Male M12x1
- Operating voltage 12...30 VDC

### Wiring diagram



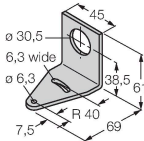
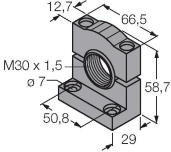
### Functional principle

The LED is IP67 / IP69k rated and qualified for indoor and outdoor applications. Depending on the connection, one of the two colors lights steady for the duration of a PNP input signal.

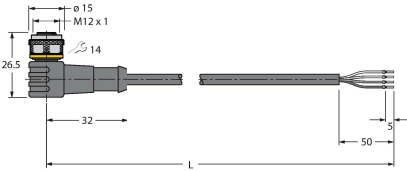
Technical data

|                 |                  |
|-----------------|------------------|
|                 | IP69             |
| Tests/approvals |                  |
| Approvals       | CE, cULus listed |

Accessories

|                                                                                   |         |                                                                                    |         |
|-----------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------|---------|
| SMB30A                                                                            | 3032723 | SMB30SC                                                                            | 3052521 |
| Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread      |         | Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable              |         |
|  |         |  |         |

Accessories

| Dimension drawing                                                                   | Type          | ID      |                                                                                                                         |
|-------------------------------------------------------------------------------------|---------------|---------|-------------------------------------------------------------------------------------------------------------------------|
|  | RKC4.4T-2/TEL | 6625013 | Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |
|                                                                                     |               |         |                                                                                                                         |
|  | WKC4.4T-2/TEL | 6625025 | Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval   |
|                                                                                     |               |         |                                                                                                                         |